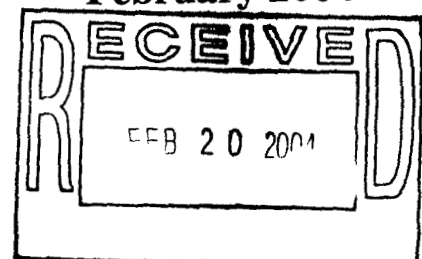


**Draft Comprehensive Risk Assessment  
Sampling and Analysis Plan  
04-01**

**February 2004**



**ADMIN RECORD**

**BZ-A-000671**

1/52

**Draft Comprehensive Risk Assessment  
Sampling and Analysis Plan  
04-01**

Approval received from the Environmental Protection Agency

( )

Approval letter is contained in the Administrative Record

**February 2004**

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## **ACRONYMS**

BZ	Buffer Zone
CRA	Comprehensive Risk Assessment
DOE	U S Department of Energy
EU	Exposure Unit
pCi/g	picocuries per gram
PMJM	Preble's meadow jumping mouse
QA	quality assurance
QC	quality control
RFETS	Rocky Flats Environmental Technology Site

## 1.0 INTRODUCTION

Following accelerated actions at the Rocky Flats Environmental Technology Site (RFETS), the Department of Energy (DOE) will perform a Draft Comprehensive Risk Assessment (CRA) to assess human health and ecological risks posed by remaining metals, chemicals and radionuclides. To support completion of the CRA, DOE is conducting additional surface soil sampling in the large area of the Buffer Zone (BZ) outside of areas that have no identified contaminant releases to the environment. DOE has agreed with the recommendation of the Risk Assessment Work Group (Colorado Department of Public Health and Environment, U S Environmental Protection Agency, DOE, U S Fish and Wildlife Service and Kaiser-Hill) that this area of the BZ will be sampled for metals and radionuclides by a composite sampling methodology.

BZ sampling will be conducted on a grid basis within each BZ exposure unit (EU) as shown on Figure 1. The relationship between the EUs and the Preble's meadow jumping mouse (PMJM) protected area is shown on Figure 2.

## 2.0 SAMPLING

Sampling of surface soil will be performed in the BZ on a 30-acre grid. Statistical grids have computer-generated random start points and orientations. Grid cells with existing metals and radionuclide surface soil data will not be sampled. Grid cells with only radionuclide data will be sampled for metals. Grid cells with only metals data will be sampled for radionuclides. Grid cells without existing metals and radionuclide data will be sampled for both categories of analytes. Existing surface soil radionuclide and metals data in each BZ grid cell are shown in Figures 3 and 4. Table 1 lists the radionuclides and metals that will be analyzed. The analytes in Table 1 comprise the standard metal and radionuclide analytical suites requested from offsite laboratories to support characterization and confirmation for environmental restoration activities (Kaiser-Hill 2003).

Table 1 lists the radionuclides and metals for analysis.

**Table 1**  
**Radionuclide and Metal Analytes**

Analyte Group	Analyte
Radionuclide	Americium-241
	Plutonium-239/240
	Uranium-234
	Uranium-235
	Uranium-238
Metal	Aluminum
	Antimony

Analyte Group	Analyte
	Arsenic
	Barium
	Beryllium
	Boron
	Cadmium
	Calcium
	Chromium (Total)
	Cobalt
	Copper
	Iron
	Lead
	Lithium
	Magnesium
	Manganese
	Mercury
	Molybdenum
	Nickel
	Selenium
	Silica
	Silver
	Sodium
	Strontium
	Thallium
	Tin
	Titanium
	Uranium (Total)
	Vanadium
	Zinc

Within each grid cell, surface soil subsamples will be collected in each quadrant and in the center. Subsamples will be collected from the surface to a depth of six inches using a hand auger, slide hammer, or trowel. The five subsamples will be composited into a single sample and aliquots will be extracted for the metals and/or radionuclide analyses. Vegetation and debris (rocks, sticks, etc.) will be removed from each of the 5 subsamples before compositing. The center subsample location will be designated as the composite sample location. Grid cells are numbered sequentially, beginning at the western edge of the BZ as shown on Figure 5. Each subsample is designated by the cell number and the geographic quadrant within the cell. For example, the subsample in the northwestern corner of grid number Q10 is designated Q10-NW.

THIS TARGET SHEET REPRESENTS AN  
OVER-SIZED MAP / PLATE FOR THIS DOCUMENT  
(Ref 04-RF-00210, JLB-010-04)

**Draft Comprehensive Risk  
Assessment Sampling and Analysis  
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**Figure 5:**

**Proposed Buffer Zone 30-Acre Grid  
Surface Soil Sampling Locations**

**File:W:\Projects\fy2004\CRA\SAP\cra\_sap.apr\Figure 5**

**January 27, 2004**

**2-10 04**

**CERCLA Administrative Record Document, BZ-A-000671**

**U S DEPARTEMENT OF ENERGY  
ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE**

**GOLDEN, COLORADO**

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Proposed sampling locations and analyte groups are shown on Figure 5, summarized in Table 2, and described in Table 3. Subsample locations were adjusted, where necessary, to account for geographical features such as streams and roads as well as accessibility by the sampling team. Sampling, data management, and analytical methods will be in accordance with the Buffer Zone Sampling and Analysis Plan (DOE 2002).

**Table 2**  
**CRA BZ Sampling Summary**

Category	Total
Number of Sampling Grids	117
Number of Sampling Locations	585
Number of Radionuclide Analyses	108
Number of Metal Analyses	106

No permanent disturbance of PMJM habitat (Figure 2) will occur from project activities. Rocks or soil not needed for analytical purposes, will be returned to the sample hole. Each sampling location in PMJM habitat will be reseeded with a native seed mixture consisting of the following species: Western Wheatgrass (*Agropyron smuthu*), Slender Wheatgrass (*Agropyron trachycaulum*), Big Bluestem (*Andropogon gerardu*), Side-Oats Grama (*Bouteloua curtipendula*), Blue Grama (*Bouteloua gracilis*), Buffalo Grass (*Buchloe dactyloides*), and Green Needlegrass (*Stipa viridula*).

### 3.0 QUALITY ASSURANCE/QUALITY CONTROL

Quality assurance(QA)/quality control (QC) procedures will be in accordance with the BZSAP requirements, but because composite samples will be collected, additional QA/QC requirements will be implemented. Additional requirements are as follows:

- Each grid is composed of five subsamples, which are to be composited. The composited sample is considered a single sample for purposes of determining QC frequency.
- Care will be taken to take approximately the same volume of soil from each of the five subsample locations. Vegetation and debris (rocks, sticks, etc.) will be removed from each of the five subsamples before compositing and the volume of the debris-removed subsamples should be approximately equal.
- All five subsamples in each grid will be sampled using the same equipment.
- A field duplicate will be collected by taking a duplicate sample from each of the five subsample locations. The duplicate subsamples will be processed for debris.

and volume in the same manner as the primary subsamples. The duplicate subsamples will be composited into a single sample using the same techniques as the primary sample.

### **3.1 QC Frequency**

Field Duplicates – There are 12 EUs where soil will be sampled and analyzed for metals and/or radionuclides. The requirement for field duplicates is five percent for each EU. None of the EUs contains more than 20 sampling locations, therefore 1 field duplicate in each EU will be collected. The field duplicate will be analyzed for every analyte associated with the sampling location. The grid nearest the center of each EU is the grid that will be duplicated and will be a grid with both metal and radionuclide analyses.

Blanks – As with the field duplicates, 1 field blank will be collected for each EU.

Rinsates – As with the field duplicates, 1 rinsate will be collected for each EU unless disposable equipment is used.

Trip blanks are not required.

### **4.0 REFERENCES**

DOE, 2002, Buffer Zone Sampling and Analysis Plan, Rocky Flats Environmental Technology Site, Golden, Colorado, April

Kaiser-Hill Company, LLC, 2003, BOA Implementation Requirements, GR04-A 4, October

**Table 3**  
**Sampling Specifications for CRA BZ Sampling**

Exposure Unit	Cell Number	Location Code	Easting	Nothing	Depth Interval (feet)	Analyte	Analytical Method
West Area	A7	AK39-000	2074351 154	749237 671	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	A7	A7-N1	2074328 805	750102 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	A7	A7-N2	2074328 805	750674 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	A7	A7-S1	2074341 597	747814 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	A7	A7-S2	2074341 597	748373 532	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	A10	AK56-000	2074344 774	752667 042	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	A10	A10-N1	2074316 013	753534 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	A10	A10-N2	2074316 013	754106 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	A10	A10-S1	2074328 805	751246 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	A10	A10-S2	2074341 597	751818 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	B12	AM67-000	2074869 534	754876 866	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	B12	B12-NE	2075383 261	755160 779	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	B12	B12-NW	2074405 557	755147 987	0-0 5	Radionuclides Metals	Alpha Spec 6010

Exposure Unit	Cell Number	Location Code	Easting	Northing	Depth Interval (feet)	Analyte	Analytical Method
West Area	B12	B12-SE	2075396 053	754678 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	B12	B12-SW	2074418 349	754652 739	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	B6	AN33-000	2075116 500	748093 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	B6	B6-NE	2075396 053	748386 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	B6	B6-NW	2074824 053	748386 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	B6	B6-SE	2075396 053	747814 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	B6	B6-SW	2074824 053	747882 946	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	B7	AN39-000	2075116 500	749236 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	B7	B7-NE	2075396 053	749530 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	B7	B7-NW	2074824 053	749530 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	B7	B7-SE	2075327 431	748958 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	B7	B7-SW	2074824 053	748958 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	B8	AN45-000	2075116 500	750379 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	B8	B8-NE	2075396 053	750674 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	B8	B8-NW	2074824 053	750674 324	0-0 5	Radionuclides Metals	Alpha Spec 6010

Exposure Unit	Cell Number	Location Code	Easting	Northing	Depth Interval (feet)	Analyte	Analytical Method
West Area	B8	B8-SE	2075396 053	750102 324	0-0.5	Radionuclides Metals	Alpha Spec 6010
West Area	B8	B8-SW	2074824 053	750102 324	0-0.5	Radionuclides Metals	Alpha Spec 6010
West Area	B9	AN50-000	2075116 500	751522 500	0-0.5	Radionuclides Metals	Alpha Spec 6010
West Area	B9	B9-NE	2075396 053	751818 324	0-0.5	Radionuclides Metals	Alpha Spec 6010
West Area	B9	B9-NW	2074824 053	751818 324	0-0.5	Radionuclides Metals	Alpha Spec 6010
West Area	B9	B9-SE	2075396 053	751246 324	0-0.5	Radionuclides Metals	Alpha Spec 6010
West Area	B9	B9-SW	2074824 053	751246 324	0-0.5	Radionuclides Metals	Alpha Spec 6010
West Area	B10	AN56-000	2075116 500	752665 500	0-0.5	Radionuclides Metals	Alpha Spec 6010
West Area	B10	B10-NE	2075396 053	752962 324	0-0.5	Radionuclides Metals	Alpha Spec 6010
West Area	B10	B10-NW	2074824 053	752879 977	0-0.5	Radionuclides Metals	Alpha Spec 6010
West Area	B10	B10-SE	2075396 053	752390 324	0-0.5	Radionuclides Metals	Alpha Spec 6010
West Area	B10	B10-SW	2074824 053	752390 324	0-0.5	Radionuclides Metals	Alpha Spec 6010
West Area	B11	AN62-000	2075116 500	753808 500	0-0.5	Radionuclides Metals	Alpha Spec 6010
West Area	B11	B11-NE	2075396 053	754106 324	0-0.5	Radionuclides Metals	Alpha Spec 6010
West Area	B11	B11-NW	2074824 053	754106 324	0-0.5	Radionuclides Metals	Alpha Spec 6010

Exposure Unit	Cell Number	Location Code	Easting	Northing	Depth Interval (feet)	Analyte	Analytical Method
West Area	B11	B11-SE	2075464 675	753397 079	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	B11	B11-SW	2074892 675	753548 048	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	C8	AT45-000	2076259 500	750379 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	C8	C8-NE	2076540 053	750674 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	C8	C8-NW	2075968 053	750674 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	C8	C8-SE	2076540 053	750102 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	C8	C8-SW	2075968 053	750102 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	C9	AT50-000	2076259 500	751522 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	C9	C9-NE	2076540 053	751818 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	C9	C9-NW	2075968 053	751818 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	C9	C9-SE	2076540 053	751246 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	C9	C9-SW	2075968 053	751246 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	C10	AT56-000	2076259 500	752665 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	C10	C10-NE	2076540 053	752962 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	C10	C10-NW	2075968 053	752962 324	0-0 5	Radionuclides Metals	Alpha Spec 6010

Exposure Unit	Cell Number	Location Code	Easting	Northing	Depth Interval (feet)	Analyte	Analytical Method
West Area	C10	C10-SE	2076540 053	752390 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	C10	C10-SW	2075968 053	752390 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	C11	AT62-000	2076259 037	753808 016	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	C11	C11-NE	2076540 053	754106 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	C11	C11-NW	2075968 053	754106 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	C11	C11-SE	2076540 053	753534 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	C11	C11-SW	2075968 053	753534 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	C12	AT67-000	2076223 822	754859 824	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	C12	C12-NE	2076540 053	755173 571	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	C12	C12-NW	2075858 258	755186 363	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	C12	C12-SE	2076540 053	754627 155	0-0 5	Radionuclides Metals	Alpha Spec 6010
West Area	C12	C12-SW	2075968 053	754639 947	0-0 5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	D8	AZ45-000	2077402 500	750379 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	D8	D8-NE	2077684 053	750674 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	D8	D8-NW	2077112 053	750674 324	0-0 5	Radionuclides Metals	Alpha Spec 6010



Exposure Unit	Cell Number	Location Code	Easting	Northing	Depth Interval (feet)	Analyte	Analytical Method
Inter Drainage	D8	D8-SE	2077684 053	750102 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	D8	D8-SW	2077112 053	750102 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	E9	BF50-000	2078545 500	751522 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	E9	E9-NE	2078828 053	751818 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	E9	E9-NW	2078256 053	751818 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	E9	E9-SE	2078828 053	751246 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	E9	E9-SW	2078256 053	751246 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	F9	BK50-000	2079688 500	751522 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	F9	F9-NE	2079972 053	751818 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	F9	F9-NW	2079400 053	751818 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	F9	F9-SE	2079972 053	751246 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	F9	F9-SW	2079400 053	751246 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	F10	BL56-000	2079743 398	752596 878	0-0 5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	F10	F10-NE	2079972 053	752962 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	F10	F10-NW	2079400 053	752962 324	0-0 5	Radionuclides Metals	Alpha Spec 6010

Exposure Unit	Cell Number	Location Code	Easting	Northing	Depth Interval (feet)	Analyte	Analytical Method
Inter Drainage	F10	F10-SE	2079972 053	752390 324	0-0.5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	F10	F10-SW	2079400 053	752390 324	0-0.5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	G10	BQ56-001	2080831 500	752665 500	0-0.5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	G10	G10-NE	2081116 053	752962 324	0-0.5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	G10	G10-NW	2080544 053	752962 324	0-0.5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	G10	G10-SE	2081116 053	752390 324	0-0.5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	G10	G10-SW	2080544 053	752390 324	0-0.5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	H11	BW61-000	2082029 398	753753 602	0-0.5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	H11	H11-NE	2082260 053	754106 324	0-0.5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	H11	H11-NW	2081688 053	754106 324	0-0.5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	H11	H11-SE	2082260 053	753534 324	0-0.5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	H11	H11-SW	2081688 053	753479 426	0-0.5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	I12	CB67-000	2083100 473	754865 748	0-0.5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	I12	I12-NE	2083417 777	755346 394	0-0.5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	I12	I12-NW	2082801 784	755252 215	0-0.5	Radionuclides Metals	Alpha Spec 6010

Exposure Unit	Cell Number	Location Code	Easting	Northing	Depth Interval (feet)	Analyte	Analytical Method
Inter Drainage	I12	I12-SE	2083404 053	754678 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	I12	I12-SW	2082832 053	754623 426	0-0 5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	J12	CH67-000	2084260 500	754951 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	J12	J12-NE	2084548 053	755181 701	0-0 5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	J12	J12-NW	2083976 053	755181 701	0-0 5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	J12	J12-SE	2084548 053	754678 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	J12	J12-SW	2083976 053	754678 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	K13	CN73-000	2085403 500	756094 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	K13	K13-NE	2085692 053	756394 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	K13	K13-NW	2085120 053	756394 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	K13	K13-SE	2085692 053	755822 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	K13	K13-SW	2085120 053	755822 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	L13	CT73-000	2086546 500	756094 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	L13	L13-NE	2086836 053	756394 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	L13	L13-NW	2086264 053	756394 324	0-0 5	Radionuclides Metals	Alpha Spec 6010

Exposure Unit	Cell Number	Location Code	Pasting	Nothing	Depth Interval (feet)	Analyte	Analytical Method
Inter Drainage	L13	L13-SE	2086836 053	755822 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	L13	L13-SW	2086264 053	755822 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	M14	CY78-000	2087687 808	757104 206	0-0 5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	M14	M14-NE	2087980 053	757346 443	0-0 5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	M14	M14-NW	2087408 053	757346 443	0-0 5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	M14	M14-SE	2087992 845	756902 363	0-0 5	Radionuclides Metals	Alpha Spec 6010
Inter Drainage	M14	M14-SW	2087408 053	756902 363	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	D9	AZ50-000	2077402 500	751522 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	D9	D9-NE	2077684 053	751818 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	D9	D9-NW	2077112 053	751818 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	D9	D9-SE	2077684 053	751246 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	D9	D9-SW	2077112 053	751246 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	D10	AZ56-000	2077402 500	752665 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	D10	D10-NE	2077684 053	752962 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	D10	D10-NW	2077112 053	752962 324	0-0 5	Radionuclides Metals	Alpha Spec 6010

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Exposure Unit	Cell Number	Location Code	Easting	Northing	Depth Interval (feet)	Analyte	Analytical Method
Rock Creek Drainage	D10	D10-SE	2077684 053	752390 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	D10	D10-SW	2077112 053	752390 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	D11	AZ62-000	2077402 555	753808 445	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	D11	D11-NE	2077684 053	754106 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	D11	D11-NW	2077112 053	754106 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	D11	D11-SE	2077684 053	753534 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	D11	D11-SW	2077112 053	753534 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	E10	BF56-000	2078545 500	752665 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	E10	E10-NE	2078828 053	752962 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	E10	E10-NW	2078256 053	752962 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	E10	E10-SE	2078828 053	752390 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	E10	E10-SW	2078256 053	752390 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	E11	BF62-000	2078545 500	753808 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	E11	E11-NE	2078828 053	754106 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	E11	E11-NW	2078256 053	754106 324	0-0 5	Radionuclides Metals	Alpha Spec 6010

Exposure Unit	Cell Number	Location Code	Easting	Northing	Depth Interval (feet)	Analyte	Analytical Method
Rock Creek Drainage	E11	E11-SE	2078828 053	753534 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	E11	E11-SW	2078256 053	753534 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	E12	BF67-000	2078586 020	754933 093	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	E12	E12-NE	2078828 053	755250 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	E12	E12-NW	2078256 053	755250 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	E12	E12-SE	2078828 053	754678 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	E12	E12-SW	2078256 053	754678 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	F11	BK62-000	2079688 500	753808 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	F11	F11-NE	2079972 053	754106 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	F11	F11-NW	2079400 053	754106 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	F11	F11-SE	2079972 053	753534 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	F11	F11-SW	2079400 053	753534 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	G11	BQ62-000	2080831 500	753808 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	G11	G11-NE	2081116 053	754106 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	G11	G11-NW	2080544 053	754106 324	0-0 5	Radionuclides Metals	Alpha Spec 6010

Exposure Unit	Cell Number	Location Code	Easting	Northing	Depth Interval (feet)	Analyte	Analytical Method
Rock Creek Drainage	G11	G11-SE	2081116 053	753465 701	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	G11	G11-SW	2080544 053	753534 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	G12	BQ67-000	2080831 500	754951 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	G12	G12-NE	2081116 053	755250 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	G12	G12-NW	2080544 053	755250 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	G12	G12-SE	2081116 053	754678 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	G12	G12-SW	2080544 053	754678 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	H12	BW67-000	2081974 500	754951 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	H12	H12-NE	2082260 053	755250 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	H12	H12-NW	2081688 053	755250 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	H12	H12-SE	2082260 053	754678 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	H12	H12-SW	2081688 053	754678 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	H14	BW79-000	2081972 013	757202 335	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	H14	H14-NE	2082260 053	757538 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	H14	H14-NW	2081688 053	757538 324	0-0 5	Radionuclides Metals	Alpha Spec 6010

Exposure Unit	Cell Number	Location Code	Easting	Northing	Depth Interval (feet)	Analyte	Analytical Method
Rock Creek Drainage	H14	H14-SE	2082260 053	756966 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	H14	H14-SW	2081688 053	756966 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	I13	CB73-000	2083117 500	756094 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	I13	I13-NE	2083404 053	756394 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	I13	I13-NW	2082832 053	756394 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	I13	I13-SE	2083404 053	755822 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	I13	I13-SW	2082832 053	755822 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	I14	CB79-000	2083115 974	757188 143	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	I14	I14-NE	2083404 053	757538 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	I14	I14-NW	2082832 053	757538 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	I14	I14-SE	2083404 053	756966 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	I14	I14-SW	2082832 053	756966 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	J13	CH73-000	2084260 500	756094 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	J13	J13-NE	2084548 053	756394 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	J13	J13-NW	2083976 053	756394 324	0-0 5	Radionuclides Metals	Alpha Spec 6010



Exposure Unit	Cell Number	Location Code	Easting	Northing	Depth Interval (feet)	Analyte	Analytical Method
Rock Creek Drainage	J13	J13-SE	2084548 053	755822 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	J13	J13-SW	2083976 053	755822 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	J14	CH79-000	2084265 706	757231 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	J14	J14-NE	2084548 053	757538 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	J14	J14-NW	2083976 053	757538 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	J14	J14-SE	2084548 053	756966 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	J14	J14-SW	2083976 053	756966 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	K14	CN79-000	2085403 500	757237 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	K14	K14-NE	2085692 053	757538 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	K14	K14-NW	2085120 053	757538 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	K14	K14-SE	2085692 053	756966 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	K14	K14-SW	2085120 053	756966 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	L14	CS79-000	2086532 547	757219 568	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	L14	L14-NE	2086836 053	757538 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	L14	L14-NW	2086264 053	757538 324	0-0 5	Radionuclides Metals	Alpha Spec 6010

Exposure Unit	Cell Number	Location Code	Easting	Northing	Depth Interval (feet)	Analyte	Analytical Method
Rock Creek Drainage	L14	L14-SE	2086836 053	756966 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Rock Creek Drainage	L14	L14-SW	2086264 053	756966 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	E2	BF10-000	2078624 429	743522 325	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	E2	E2-NE	2078879 221	743810 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	E2	E2-NW	2078307 221	743810 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	E2	E2-SE	2078879 221	743238 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	E2	E2-SW	2078307 221	743238 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	E1	B105-000	2079159 144	742555 239	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	E1	E1-NE	2079719 853	742743 076	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	E1	E1-NW	2078585 005	742768 660	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	E1	E1-SE	2079729 005	742333 731	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	E1	E1-SW	2078588 645	742333 731	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	F2	BK10-000	2079688 500	743521 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	F2	F2-NE	2079972 053	743810 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	F2	F2-NW	2079400 053	743810 324	0-0 5	Radionuclides Metals	Alpha Spec 6010

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Exposure Unit	Cell Number	Location Code	Easting	Northing	Depth Interval (feet)	Analyte	Analytical Method
Southwest Buffer Zone Area	F2	F2-SE	2079972 053	743238 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	F2	F2-SW	2079400 053	743238 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	G2	BQ10-000	2080831 500	743521 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	G2	G2-NE	2081116 053	743810 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	G2	G2-NW	2080544 053	743810 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	G2	G2-SE	2081116 053	743238 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	G2	G2-SW	2080544 053	743238 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	G1	BT05-000	2081402 326	742546 204	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	G1	G1-NE	2081969 477	742755 868	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	G1	G1-NW	2080847 421	742743 076	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	G1	G1-SE	2081991 421	742333 731	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	G1	G1-SW	2080863 853	742333 731	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	H2	BW10-000	2081974 500	743521 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	H2	H2-NE	2082260 053	743810 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	H2	H2-NW	2081688 053	743810 324	0-0 5	Radionuclides Metals	Alpha Spec 6010

Exposure Unit	Cell Number	Location Code	Easting	Northing	Depth Interval (feet)	Analyte	Analytical Method
Southwest Buffer Zone Area	H2	H2-SE	2082260 053	743238 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	H2	H2-SW	2081688 053	743238 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	H3	BW16-000	2081974 500	744664 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	H3	H3-NE	2082260 053	745022 946	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	H3	H3-NW	2081688 053	745022 946	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	H3	H3-SE	2082260 053	744382 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	H3	H3-SW	2081688 053	744382 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	I2	CB10-000	2083117 500	743521 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	I2	I2-NE	2083404 053	743810 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	I2	I2-NW	2082832 053	743810 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	I2	I2-SE	2083404 053	743238 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	I2	I2-SW	2082832 053	743238 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	I3	CB16-000	2083117 500	744664 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	I3	I3-NE	2083404 053	744954 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	I3	I3-NW	2082832 053	744954 324	0-0 5	Radionuclides Metals	Alpha Spec 6010

Exposure Unit	Cell Number	Location Code	Easting	Northing	Depth Interval (feet)	Analyte	Analytical Method
Southwest Buffer Zone Area	I3	I3-SE	2083404 053	744382 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	I3	I3-SW	2082832 053	744382 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	I1	CE05-000	2083690 956	742532 994	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	I1	I1-NE	2084270 269	742704 700	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	I1	I1-NW	2083126 269	742730 284	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	I1	I1-SE	2084266 629	742333 731	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	I1	I1-SW	2083122 629	742320 939	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	J2	CH10-000	2084260 500	743521 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	J2	J2-NE	2084548 053	743810 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	J2	J2-NW	2083976 053	743810 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	J2	J2-SE	2084548 053	743238 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	J2	J2-SW	2083976 053	743238 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	J3	CH16-000	2084260 500	744664 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	J3	J3-NE	2084548 053	744954 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	J3	J3-NW	2083976 053	744954 324	0-0 5	Radionuclides Metals	Alpha Spec 6010

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Exposure Unit	Cell Number	Location Code	Easting	Northing	Depth Interval (feet)	Analyte	Analytical Method
Southwest Buffer Zone Area	J3	J3-SE	2084548 053	744382 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	J3	J3-SW	2083976 053	744382 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	K2	CN10-000	2085403 500	743521 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	K2	K2-NE	2085692 053	743810 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	K2	K2-NW	2085120 053	743810 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	K2	K2-SE	2085692 053	743238 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	K2	K2-SW	2085120 053	743238 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	K3	CN16-000	2085403 500	744664 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	K3	K3-NE	2085692 053	745009 221	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	K3	K3-NW	2085120 053	745009 221	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	K3	K3-SE	2085692 053	744382 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southwest Buffer Zone Area	K3	K3-SW	2085120 053	744382 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	E3	BF16-000	2078620 585	744665 244	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	E3	E3-NE	2078892 013	744995 497	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	E3	E3-NW	2078320 013	744995 497	0-0 5	Radionuclides Metals	Alpha Spec 6010

Exposure Unit	Cell Number	Location Code	Easting	Northing	Depth Interval (feet)	Analyte	Analytical Method
Upper Woman Drainage	E3	E3-SE	2078892 013	744382 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	E3	E3-SW	2078320 013	744382 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	E4	BF22-000	2078616 758	745808 215	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	E4	E4-NE	2078902 498	746098 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	E4	E4-NW	2078313 318	746098 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	E4	E4-SE	2078896 772	745520 597	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	E4	E4-SW	2078415 116	745473 697	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	E5	BF27-000	2078609 609	746954 434	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	E5	E5-NE	2078891 045	747242 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	E5	E5-NW	2078321 316	747173 701	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	E5	E5-SE	2078902 498	746664 597	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	E5	E5-SW	2078301 865	746670 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	F3	BK16-000	2079688 500	744664 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	F3	F3-NE	2079972 053	745022 946	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	F3	F3-NW	2079400 053	745022 946	0-0 5	Radionuclides Metals	Alpha Spec 6010

Exposure Unit	Cell Number	Location Code	Easting	Northing	Depth Interval (feet)	Analyte	Analytical Method
Upper Woman Drainage	F3	F3-SE	2079972 053	744382 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	F3	F3-SW	2079400 053	744382 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	G3	BQ16-000	2080831 500	744664 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	G3	G3-NE	2081116 053	744995 497	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	G3	G3-NW	2080544 053	744995 497	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	G3	G3-SE	2081116 053	744382 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	G3	G3-SW	2080544 053	744382 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	H4	BW22-000	2081974 500	745807 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	H4	H4-NE	2082260 053	746098 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	H4	H4-NW	2081688 053	746098 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	H4	H4-SE	2082260 053	745526 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	H4	H4-SW	2081688 053	745526 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	I4	CB22-000	2083117 500	745807 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	I4	I4-NE	2083404 053	746098 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	I4	I4-NW	2082832 053	746098 324	0-0 5	Radionuclides Metals	Alpha Spec 6010



Exposure Unit	Cell Number	Location Code	Easting	Northing	Depth Interval (feet)	Analyte	Analytical Method
Upper Woman Drainage	I4	I4-SE	2083404 053	745526 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	I4	I4-SW	2082832 053	745526 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	I5	CB27-000	2083117 500	746950 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	I5	I5-NE	2083404 053	747242 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	I5	I5-NW	2082832 053	747242 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	I5	I5-SE	2083404 053	746587 977	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	I5	I5-SW	2082832 053	746546 804	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	J4	CH22-000	2084260 500	745807 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	J4	J4-NE	2084548 053	746098 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	J4	J4-NW	2083976 053	746098 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	J4	J4-SE	2084548 053	745526 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	J4	J4-SW	2083976 053	745526 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	K4	CN22-000	2085403 500	745807 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	K4	K4-NE	2085692 053	746098 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	K4	K4-NW	2085120 053	746098 324	0-0 5	Radionuclides Metals	Alpha Spec 6010

Exposure Unit	Cell Number	Location Code	Easting	Northing	Depth Interval (feet)	Analyte	Analytical Method
Upper Woman Drainage	K4	K4-SE	2085692 053	745526 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Woman Drainage	K4	K4-SW	2085120 053	745526 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Industrial Area	G8	BQ44-000	2080843 986	750342 042	0-0 5	Radionuclides	Alpha Spec
Industrial Area	G8	G8-NE	2081116 053	750674 324	0-0 5	Radionuclides	Alpha Spec
Industrial Area	G8	G8-NW	2080544 053	750674 324	0-0 5	Radionuclides	Alpha Spec
Industrial Area	G8	G8-SE	2081116 053	750102 324	0-0 5	Radionuclides	Alpha Spec
Industrial Area	G8	G8-SW	2080544 053	750102 324	0-0 5	Radionuclides	Alpha Spec
No Name Gulch Drainage	G9	BQ50-000	2080904 362	751548 427	0-0 5	Radionuclides	Alpha Spec
No Name Gulch Drainage	G9	G9-NE	2081228 428	751705 948	0-0 5	Radionuclides	Alpha Spec
No Name Gulch Drainage	G9	G9-NW	2080544 053	751818 324	0-0 5	Radionuclides	Alpha Spec
No Name Gulch Drainage	G9	G9-SE	2081290 859	751046 546	0-0 5	Radionuclides	Alpha Spec
No Name Gulch Drainage	G9	G9-SW	2080469 136	751246 324	0-0 5	Radionuclides	Alpha Spec
No Name Gulch Drainage	K11	CN62-000	2085403 500	753808 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
No Name Gulch Drainage	K11	K11-NE	2085692 053	754106 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
No Name Gulch Drainage	K11	K11-NW	2085120 053	754106 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
No Name Gulch Drainage	K11	K11-SE	2085692 053	753534 324	0-0 5	Radionuclides Metals	Alpha Spec 6010

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Exposure Unit	Cell Number	Location Code	Easting	Northing	Depth Interval (feet)	Analyte	Analytical Method
No Name Gulch Drainage	K11	K11-SW	2085120 053	753534 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
No Name Gulch Drainage	K12	CN67-000	2085403 500	754951 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
No Name Gulch Drainage	K12	K12-NE	2085692 053	755209 150	0-0 5	Radionuclides Metals	Alpha Spec 6010
No Name Gulch Drainage	K12	K12-NW	2085120 053	755209 150	0-0 5	Radionuclides Metals	Alpha Spec 6010
No Name Gulch Drainage	K12	K12-SE	2085692 053	754678 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
No Name Gulch Drainage	K12	K12-SW	2085120 053	754678 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
No Name Gulch Drainage	L11	CT62-000	2086546 500	753808 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
No Name Gulch Drainage	L11	L11-NE	2086836 053	754106 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
No Name Gulch Drainage	L11	L11-NW	2086264 053	754106 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
No Name Gulch Drainage	L11	L11-SE	2086836 053	753534 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
No Name Gulch Drainage	L11	L11-SW	2086264 053	753534 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
No Name Gulch Drainage	L12	CT67-000	2086546 500	754951 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
No Name Gulch Drainage	L12	L12-NE	2086836 053	755250 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
No Name Gulch Drainage	L12	L12-NW	2086264 053	755250 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
No Name Gulch Drainage	L12	L12-SE	2086836 053	754678 324	0-0 5	Radionuclides Metals	Alpha Spec 6010

Exposure Unit	Cell Number	Location Code	Easting	Northing	Depth Interval (feet)	Analyte	Analytical Method
No Name Gulch Drainage	L12	L12-SW	2086264 053	754678 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
No Name Gulch Drainage	M11	CY62-000	2087689 500	753808 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
No Name Gulch Drainage	M11	M11-NE	2087980 053	754106 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
No Name Gulch Drainage	M11	M11-NW	2087408 053	754106 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
No Name Gulch Drainage	M11	M11-SE	2087980 053	753534 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
No Name Gulch Drainage	M11	M11-SW	2087408 053	753534 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
No Name Gulch Drainage	M12	CY67-000	2087689 500	754951 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
No Name Gulch Drainage	M12	M12-NE	2087980 053	755250 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
No Name Gulch Drainage	M12	M12-NW	2087408 053	755250 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
No Name Gulch Drainage	M12	M12-SE	2087980 053	754678 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
No Name Gulch Drainage	M12	M12-SW	2087408 053	754678 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
No Name Gulch Drainage	M13	CY73-000	2087689 500	756094 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
No Name Gulch Drainage	M13	M13-NE	2087980 053	756394 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
No Name Gulch Drainage	M13	M13-NW	2087408 053	756394 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
No Name Gulch Drainage	M13	M13-SE	2087980 053	755822 324	0-0 5	Radionuclides Metals	Alpha Spec 6010

Exposure Unit	Cell Number	Location Code	Easting	Northing	Depth Interval (feet)	Analyte	Analytical Method
No Name Gulch Drainage	M13	M13-SW	2087408 053	755822 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	K1	CQ05-000	2085977 020	742558 111	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	K1	K1-NE	2086558 269	742691 908	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	K1	K1-NW	2085410 629	742691 908	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	K1	K1-SE	2086554 629	742320 939	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	K1	K1-SW	2085414 269	742308 147	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	L2	CT10-000	2086546 500	743521 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	L2	L2-NE	2086836 053	743810 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	L2	L2-NW	2086264 053	743810 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	L2	L2-SE	2086836 053	743238 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	L2	L2-SW	2086264 053	743238 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	L3	CT16-000	2086546 500	744664 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	L3	L3-NE	2086836 053	744954 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	L3	L3-NW	2086264 053	744899 426	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	L3	L3-SE	2086836 053	744382 324	0-0 5	Radionuclides Metals	Alpha Spec 6010

Exposure Unit	Cell Number	Location Code	Easting	Northing	Depth Interval (feet)	Analyte	Analytical Method
Southeast Buffer Zone Area	L3	L3-SW	2086264 053	744382 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	M2	CY10-000	2087689 500	743521 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	M2	M2-NE	2087980 053	743810 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	M2	M2-NW	2087408 053	743810 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	M2	M2-SE	2087980 053	743238 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	M2	M2-SW	2087408 053	743238 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	M3	CY16-000	2087689 500	744664 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	M3	M3-NE	2087980 053	744954 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	M3	M3-NW	2087408 053	744954 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	M3	M3-SE	2087980 053	744382 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	M3	M3-SW	2087408 053	744382 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	M1	DB06-000	2088262 438	742572 691	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	M1	M1-NE	2088838 468	742737 720	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	M1	M1-NW	2087687 668	742737 720	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	M1	M1-SE	2088841 038	742356 940	0-0 5	Radionuclides Metals	Alpha Spec 6010

Exposure Unit	Cell Number	Location Code	Easting	Northing	Depth Interval (feet)	Analyte	Analytical Method
Southeast Buffer Zone Area	M1	M1-SW	2087690 238	742360 339	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	N2	DE10-000	2088832 500	743521 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	N2	N2-NE	2089124 053	743810 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	N2	N2-NW	2088552 053	743810 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	N2	N2-SE	2089124 053	743238 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	N2	N2-SW	2088552 053	743238 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	N3	DE16-000	2088832 500	744664 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	N3	N3-NE	2089124 053	744954 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	N3	N3-NW	2088552 053	744954 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	N3	N3-SE	2089124 053	744382 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	N3	N3-SW	2088552 053	744382 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	O2	DK10-000	2089975 500	743521 500	0-0 5	Metals	6010
Southeast Buffer Zone Area	O2	O2-NE	2090268 053	743810 324	0-0 5	Metals	6010
Southeast Buffer Zone Area	O2	O2-NW	2089696 053	743810 324	0-0 5	Metals	6010
Southeast Buffer Zone Area	O2	O2-SE	2090268 053	743238 324	0-0 5	Metals	6010
Southeast Buffer Zone Area	O2	O2-SW	2089696 053	743238 324	0-0 5	Metals	6010

Exposure Unit	Cell Number	Location Code	Easting	Northing	Depth Interval (feet)	Analyte	Analytical Method
Southeast Buffer Zone Area	O1	DN06-000	2090553 548	742593 655	0-0 5	Metals	6010
Southeast Buffer Zone Area	O1	O1-NE	2091137 155	742734 409	0-0 5	Metals	6010
Southeast Buffer Zone Area	O1	O1-NW	2089989 520	742740 599	0-0 5	Metals	6010
Southeast Buffer Zone Area	O1	O1-SE	2091133 520	742338 274	0-0 5	Metals	6010
Southeast Buffer Zone Area	O1	O1-SW	2089980 775	742338 274	0-0 5	Metals	6010
Southeast Buffer Zone Area	P2	DP10-000	2091118 500	743521 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	P2	P2-NE	2091374 904	743810 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	P2	P2-NW	2090840 053	743741 701	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	P2	P2-SE	2091412 053	743238 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	P2	P2-SW	2090840 053	743238 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	Q1	DY07-000	2092817 466	742776 411	0-0 5	Metals	6010
Southeast Buffer Zone Area	Q1	Q1-NE	2093421 520	742722 030	0-0 5	Metals	6010
Southeast Buffer Zone Area	Q1	Q1-NW	2092277 520	742709 651	0-0 5	Metals	6010
Southeast Buffer Zone Area	Q1	Q1-SE	2093412 775	742298 645	0-0 5	Metals	6010
Southeast Buffer Zone Area	Q1	Q1-SW	2092268 775	742338 274	0-0 5	Metals	6010
Southeast Buffer Zone Area	R2	EB10-000	2093404 500	743521 500	0-0 5	Radionuclides Metals	Alpha Spec 6010



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Exposure Unit	Cell Number	Location Code	Easting	Northing	Depth Interval (feet)	Analyte	Analytical Method
Southeast Buffer Zone Area	R2	R2-NE	2093700 053	743810 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	R2	R2-NW	2093128 053	743810 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	R2	R2-SE	2093700 053	743238 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	R2	R2-SW	2093128 053	743238 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Southeast Buffer Zone Area	R3	EB16-000	2093419 442	744610 491	0-0 5	Metals	6010
Southeast Buffer Zone Area	R3	R3-NE	2093700 053	744954 324	0-0 5	Metals	6010
Southeast Buffer Zone Area	R3	R3-NW	2093128 053	744954 324	0-0 5	Metals	6010
Southeast Buffer Zone Area	R3	R3-SE	2093700 053	744382 324	0-0 5	Metals	6010
Southeast Buffer Zone Area	R3	R3-SW	2093128 053	744382 324	0-0 5	Metals	6010
Lower Woman Drainage	N5	DE27-000	2088832 500	746950 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Woman Drainage	N5	N5-NE	2089124 053	747242 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Woman Drainage	N5	N5-NW	2088552 053	747242 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Woman Drainage	N5	N5-SE	2089220 124	746684 048	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Woman Drainage	N5	N5-SW	2088648 124	746684 048	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Woman Drainage	O5	DK27-000	2089975 500	746950 500	0-0 5	Metals	6010
Lower Woman Drainage	O5	O5-NE	2090268 053	747242 324	0-0 5	Metals	6010

Exposure Unit	Cell Number	Location Code	Easting	Northing	Depth Interval (feet)	Analyte	Analytical Method
Lower Woman Drainage	O5	O5-NW	2089696 053	747242 324	0-0 5	Metals	6010
Lower Woman Drainage	O5	O5-SE	2090268 053	746670 324	0-0 5	Metals	6010
Lower Woman Drainage	O5	O5-SW	2089696 053	746670 324	0-0 5	Metals	6010
Lower Woman Drainage	P3	DP16-000	2091118 500	744664 500	0-0 5	Metals	6010
Lower Woman Drainage	P3	P3-NE	2091412 053	744954 324	0-0 5	Metals	6010
Lower Woman Drainage	P3	P3-NW	2090840 053	744954 324	0-0 5	Metals	6010
Lower Woman Drainage	P3	P3-SE	2091367 474	744374 894	0-0 5	Metals	6010
Lower Woman Drainage	P3	P3-SW	2090840 053	744382 324	0-0 5	Metals	6010
Wind Blown Area	N6	DE33-000	2088832 500	748031 069	0-0 5	Radionuclides	Alpha Spec
Wind Blown Area	N6	N6-NE	2089136 539	748436 268	0-0 5	Radionuclides	Alpha Spec
Wind Blown Area	N6	N6-NW	2088552 053	748386 324	0-0 5	Radionuclides	Alpha Spec
Wind Blown Area	N6	N6-SE	2089198 970	747814 324	0-0 5	Radionuclides	Alpha Spec
Wind Blown Area	N6	N6-SW	2088552 053	747814 324	0-0 5	Radionuclides	Alpha Spec
Wind Blown Area	P9	DP50-000	2091118 500	751522 500	0-0 5	Radionuclides	Alpha Spec
Wind Blown Area	P9	P9-NE	2091412 053	751818 324	0-0 5	Radionuclides	Alpha Spec
Wind Blown Area	P9	P9-NW	2090840 053	751818 324	0-0 5	Radionuclides	Alpha Spec
Wind Blown Area	P9	P9-SE	2091412 053	751246 324	0-0 5	Radionuclides	Alpha Spec

Exposure Unit	Cell Number	Location Code	Easting	Northing	Depth Interval (feet)	Analyte	Analytical Method
Wind Blown Area	P9	P9-SW	2090840 053	751246 324	0-0 5	Radionuclides	Alpha Spec
Wind Blown Area	R9	EB50-000	2093377 760	751522 630	0-0 5	Radionuclides	Alpha Spec
Wind Blown Area	R9	R9-NE	2093700 053	751818 324	0-0 5	Radionuclides	Alpha Spec
Wind Blown Area	R9	R9-NW	2093128 053	751818 324	0-0 5	Radionuclides	Alpha Spec
Wind Blown Area	R9	R9-SE	2093700 053	751246 324	0-0 5	Radionuclides	Alpha Spec
Wind Blown Area	R9	R9-SW	2093128 053	751246 324	0-0 5	Radionuclides	Alpha Spec
Wind Blown Area	R10	EB56-000	2093388 918	752673 260	0-0 5	Radionuclides	Alpha Spec
Wind Blown Area	R10	R10-NE	2093674 695	752945 757	0-0 5	Radionuclides	Alpha Spec
Wind Blown Area	R10	R10-NW	2093102 695	752945 757	0-0 5	Radionuclides	Alpha Spec
Wind Blown Area	R10	R10-SE	2093674 695	752373 757	0-0 5	Radionuclides	Alpha Spec
Wind Blown Area	R10	R10-SW	2093102 695	752373 757	0-0 5	Radionuclides	Alpha Spec
Upper Walnut Drainage	L10	CT56-000	2086546 500	752606 062	0-0 5	Metals	6010
Upper Walnut Drainage	L10	L10-NE	2086836 053	752962 324	0-0 5	Metals	6010
Upper Walnut Drainage	L10	L10-NW	2086264 053	752962 324	0-0 5	Metals	6010
Upper Walnut Drainage	L10	L10-SE	2086836 053	752390 324	0-0 5	Metals	6010
Upper Walnut Drainage	L10	L10-SW	2086264 053	752390 324	0-0 5	Metals	6010
Upper Walnut Drainage	M10	CY56-000	2087689 500	752665 500	0-0 5	Radionuclides Metals	Alpha Spec 6010

Exposure Unit	Cell Number	Location Code	Easting	Northing	Depth Interval (feet)	Analyte	Analytical Method
Upper Walnut Drainage	M10	M10-NE	2087980 053	752962 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Walnut Drainage	M10	M10-NW	2087408 053	752962 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Walnut Drainage	M10	M10-SE	2087952 604	752472 670	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Walnut Drainage	M10	M10-SW	2087353 155	752376 599	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Walnut Drainage	N9	DE50-000	2088799 784	751555 248	0-0 5	Radionuclides	Alpha Spec
Upper Walnut Drainage	N9	N9-NE	2089105 823	751890 176	0-0 5	Radionuclides	Alpha Spec
Upper Walnut Drainage	N9	N9-NW	2088483 878	751752 828	0-0 5	Radionuclides	Alpha Spec
Upper Walnut Drainage	N9	N9-SE	2089118 309	751230 773	0-0 5	Radionuclides	Alpha Spec
Upper Walnut Drainage	N9	N9-SW	2088546 309	751230 773	0-0 5	Radionuclides	Alpha Spec
Upper Walnut Drainage	N10	DE56-000	2088832 500	752739 798	0-0 5	Metals	6010
Upper Walnut Drainage	N10	N10-NE	2089064 615	752962 324	0-0 5	Metals	6010
Upper Walnut Drainage	N10	N10-NW	2088552 053	752962 324	0-0 5	Metals	6010
Upper Walnut Drainage	N10	N10-SE	2089124 053	752390 324	0-0 5	Metals	6010
Upper Walnut Drainage	N10	N10-SW	2088552 053	752390 324	0-0 5	Metals	6010
Upper Walnut Drainage	N11	DE62-000	2088832 500	753808 500	0-0 5	Metals	6010
Upper Walnut Drainage	N11	N11-NE	2089124 053	754106 324	0-0 5	Metals	6010
Upper Walnut Drainage	N11	N11-NW	2088552 053	754106 324	0-0 5	Metals	6010

Exposure Unit	Cell Number	Location Code	Easting	Northing	Depth Interval (feet)	Analyte	Analytical Method
Upper Walnut Drainage	N11	N11-SE	2089124 053	753460 026	0-0 5	Metals	6010
Upper Walnut Drainage	N11	N11-SW	2088552 053	753534 324	0-0 5	Metals	6010
Upper Walnut Drainage	O10	DK56-000	2089975 500	752665 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Walnut Drainage	O10	O10-NE	2090268 053	752962 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Walnut Drainage	O10	O10-NW	2089880 363	753085 843	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Walnut Drainage	O10	O10-SE	2090268 053	752390 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Walnut Drainage	O10	O10-SW	2089696 053	752390 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Walnut Drainage	O11	DK62-000	2089975 500	753808 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Walnut Drainage	O11	O11-NE	2090268 053	754106 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Walnut Drainage	O11	O11-NW	2089696 053	754106 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Walnut Drainage	O11	O11-SE	2090268 053	753534 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Upper Walnut Drainage	O11	O11-SW	2089696 053	753534 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	N12	DE67-000	2088832 500	754951 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	N12	N12-NE	2089124 053	755250 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	N12	N12-NW	2088552 053	755250 324	0-0 5	Radionuclides Metals	Alpha Spec 6010

Exposure Unit	Cell Number	Location Code	Easting	Northing	Depth Interval (feet)	Analyte	Analytical Method
Lower Walnut Drainage	N12	N12-SE	2089124 053	754678 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	N12	N12-SW	2088552 053	754678 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	N13	DE73-000	2088832 500	756094 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	N13	N13-NE	2089124 053	756394 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	N13	N13-NW	2088552 053	756394 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	N13	N13-SE	2089124 053	755822 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	N13	N13-SW	2088552 053	755822 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	N14	DE78-000	2088756 390	757020 395	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	N14	N14-NE	2089111 261	757141 771	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	N14	N14-NW	2088488 093	757256 899	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	N14	N14-SE	2089111 261	756838 403	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	N14	N14-SW	2088488 093	756863 987	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	O12	DK67-000	2089975 500	754951 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	O12	O12-NE	2090268 053	755250 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	O12	O12-NW	2089696 053	755250 324	0-0 5	Radionuclides Metals	Alpha Spec 6010

Exposure Unit	Cell Number	Location Code	Easting	Northing	Depth Interval (feet)	Analyte	Analytical Method
Lower Walnut Drainage	O12	O12-SE	2090268 053	754678 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	O12	O12-SW	2089696 053	754678 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	O13	DK73-000	2089952 292	756067 176	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	O13	O13-NE	2090268 053	756394 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	O13	O13-NW	2089696 053	756394 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	O13	O13-SE	2090268 053	755822 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	O13	O13-SW	2089696 053	755822 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	P10	DP56-000	2091118 500	752665 500	0-0 5	Radionuclides	Alpha Spec
Lower Walnut Drainage	P10	P10-NE	2091412 053	752962 324	0-0 5	Radionuclides	Alpha Spec
Lower Walnut Drainage	P10	P10-NW	2090840 053	752962 324	0-0 5	Radionuclides	Alpha Spec
Lower Walnut Drainage	P10	P10-SE	2091412 053	752390 324	0-0 5	Radionuclides	Alpha Spec
Lower Walnut Drainage	P10	P10-SW	2090840 053	752390 324	0-0 5	Radionuclides	Alpha Spec
Lower Walnut Drainage	P11	DP62-000	2091118 500	753808 500	0-0 5	Radionuclides	Alpha Spec
Lower Walnut Drainage	P11	P11-NE	2091412 053	754106 324	0-0 5	Radionuclides	Alpha Spec
Lower Walnut Drainage	P11	P11-NW	2090840 053	754106 324	0-0 5	Radionuclides	Alpha Spec
Lower Walnut Drainage	P11	P11-SE	2091412 053	753534 324	0-0 5	Radionuclides	Alpha Spec

Exposure Unit	Cell Number	Location Code	Easting	Northing	Depth Interval (feet)	Analyte	Analytical Method
Lower Walnut Drainage	P11	P11-SW	2090840 053	753534 324	0-0 5	Radionuclides	Alpha Spec
Lower Walnut Drainage	P12	DP67-000	2091118 500	754951 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	P12	P12-NE	2091412 053	755250 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	P12	P12-NW	2090840 053	755250 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	P12	P12-SE	2091412 053	754678 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	P12	P12-SW	2090840 053	754678 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	P13	DS71-000	2091700 590	755741 843	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	P13	P13-NE	2092354 265	755956 849	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	P13	P13-NW	2091023 497	755999 652	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	P13	P13-SE	2092363 170	755657 224	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	P13	P13-SW	2091026 821	755669 454	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	Q10	DV56-000	2092261 500	752665 500	0-0 5	Radionuclides	Alpha Spec
Lower Walnut Drainage	Q10	Q10-NE	2092556 053	752962 324	0-0 5	Radionuclides	Alpha Spec
Lower Walnut Drainage	Q10	Q10-NW	2091984 053	752962 324	0-0 5	Radionuclides	Alpha Spec
Lower Walnut Drainage	Q10	Q10-SE	2092556 053	752390 324	0-0 5	Radionuclides	Alpha Spec
Lower Walnut Drainage	Q10	Q10-SW	2091984 053	752390 324	0-0 5	Radionuclides	Alpha Spec



Exposure Unit	Cell Number	Location Code	Easting	Northing	Depth Interval (feet)	Analyte	Analytical Method
Lower Walnut Drainage	Q11	DV62-000	2092261 500	753808 500	0-0 5	Radionuclides	Alpha Spec
Lower Walnut Drainage	Q11	Q11-NE	2092556 053	754106 324	0-0 5	Radionuclides	Alpha Spec
Lower Walnut Drainage	Q11	Q11-NW	2091984 053	754106 324	0-0 5	Radionuclides	Alpha Spec
Lower Walnut Drainage	Q11	Q11-SE	2092556 053	753534 324	0-0 5	Radionuclides	Alpha Spec
Lower Walnut Drainage	Q11	Q11-SW	2091984 053	753534 324	0-0 5	Radionuclides	Alpha Spec
Lower Walnut Drainage	Q12	DV67-000	2092261 500	754951 500	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	Q12	Q12-NE	2092556 053	755250 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	Q12	Q12-NW	2091984 053	755250 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	Q12	Q12-SE	2092556 053	754678 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	Q12	Q12-SW	2091984 053	754678 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	R12	EB67-000	2093368 995	754950 277	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	R12	R12-NE	2093700 053	755250 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	R12	R12-NW	2093128 053	755250 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	R12	R12-SE	2093700 053	754678 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	R12	R12-SW	2093128 053	754678 324	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	R13	EB73-000	2093402 859	755971 011	0-0 5	Radionuclides Metals	Alpha Spec 6010

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Exposure Unit	Cell Number	Location Code	Easting	Northing	Depth Interval (feet)	Analyte	Analytical Method
Lower Walnut Drainage	R13	R13-NE	2093700 053	756253 683	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	R13	R13-NW	2093128 053	756247 569	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	R13	R13-SE	2093700 053	755730 602	0-0 5	Radionuclides Metals	Alpha Spec 6010
Lower Walnut Drainage	R13	R13-SW	2093128 053	755718 372	0-0 5	Radionuclides Metals	Alpha Spec 6010

Figure 1  
CRA Addendum Buffer  
Zone 30-Acre Sampling Grid

KEY



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1000 0 1000 Feet

Scale = 1:28,000

State Plane Coordinate Projection  
Colorado Central Zone  
Datum NAD 27

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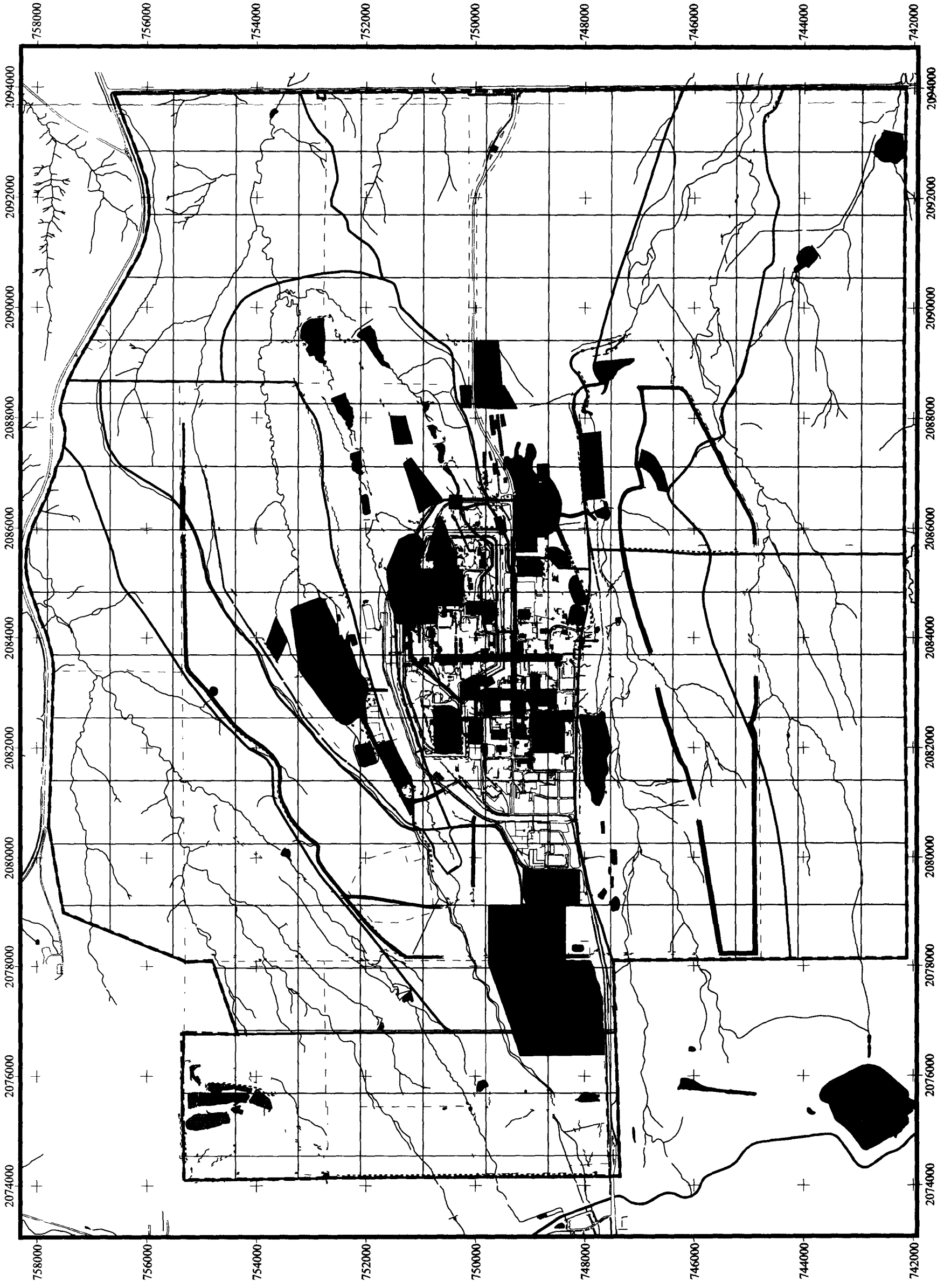
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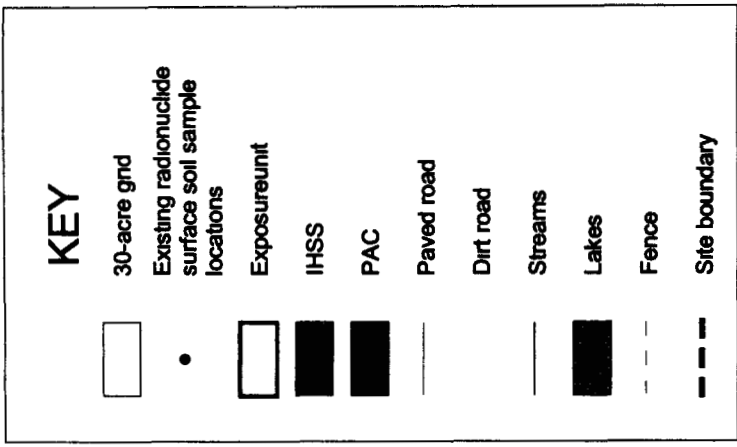
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**Figure 3**  
**30-Acre Grid with**  
**Existing Radionuclide Surface**  
**Soil Sampling Locations**



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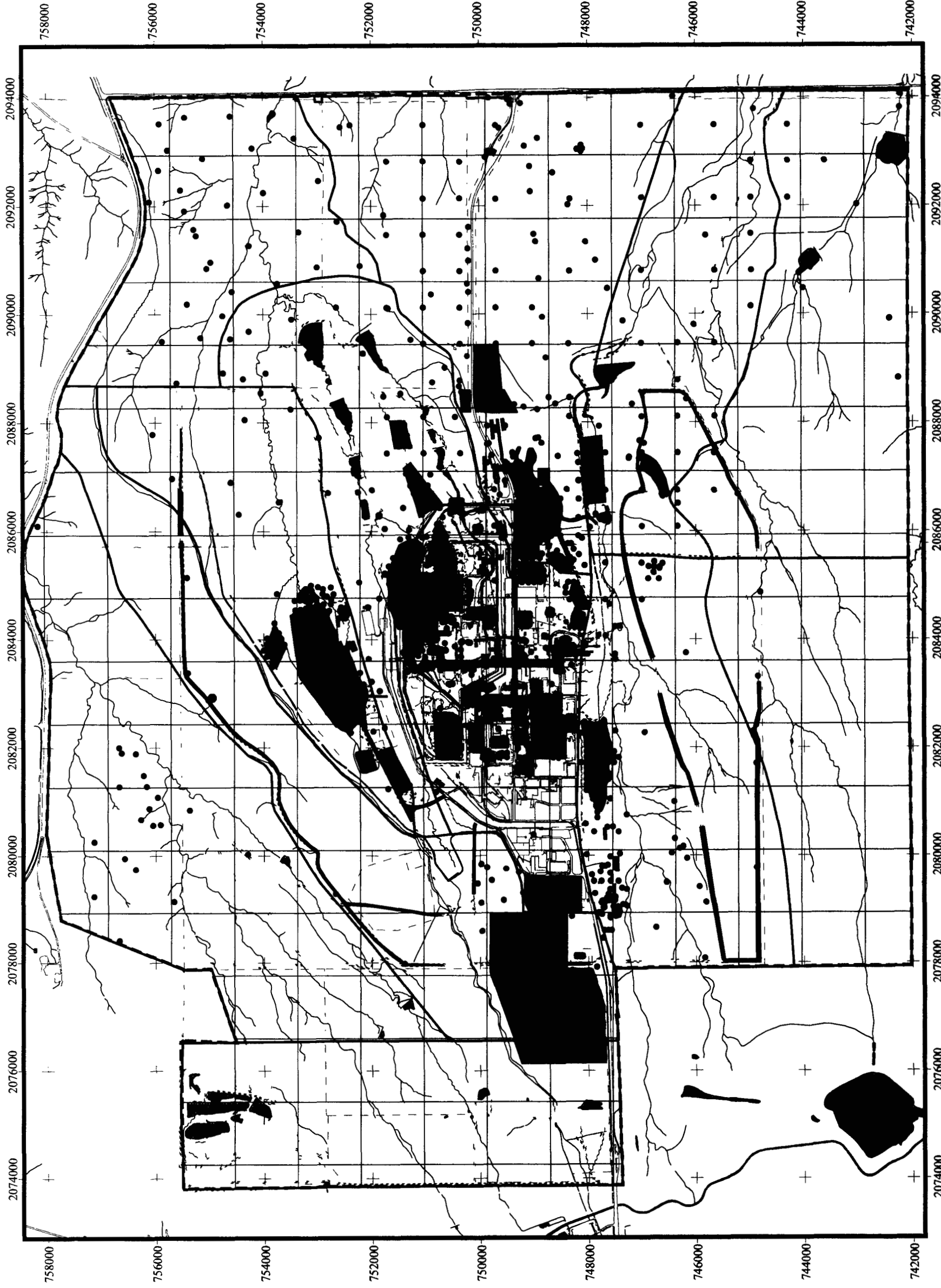
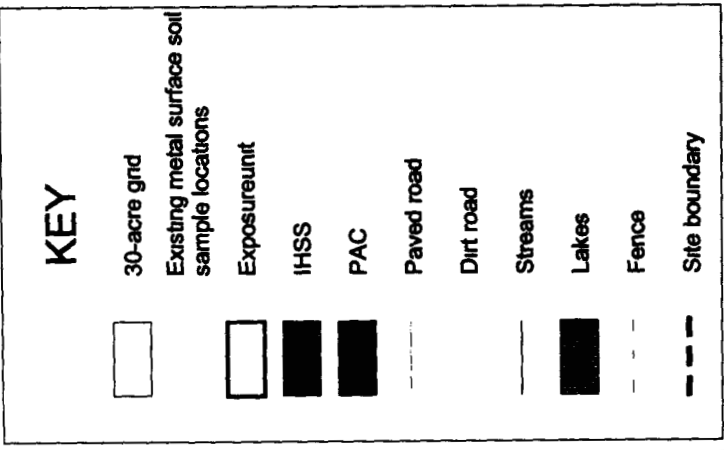


Figure 4

30-Acre Grid with  
Existing Metal Surface Soil  
Sampling Locations



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1000 0 1000 Feet

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State Plane Coordinate Projection  
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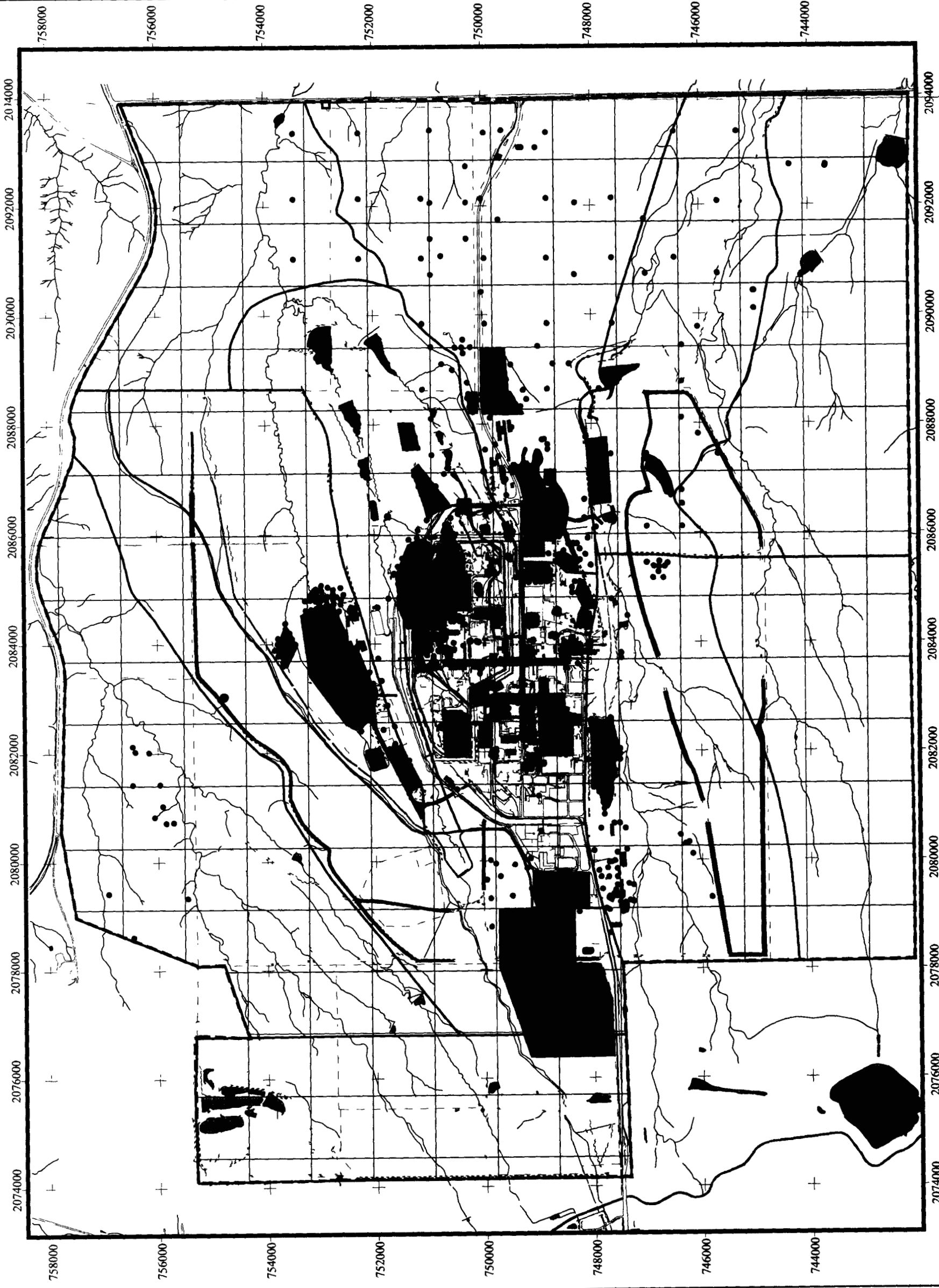


Figure 2  
Exposure Units and Preble's  
Meadow Jumping Mouse  
Protected Area

KEY

P reble's Meadow Jumping Mouse  
Protected Area  
Proposed road  
Drainage  
Fence  
Streams



1000 0 1000 Feet

Scale 1:28,000

State Plane Coordinate  
Projection  
Datum NAD 27

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**RADMS**

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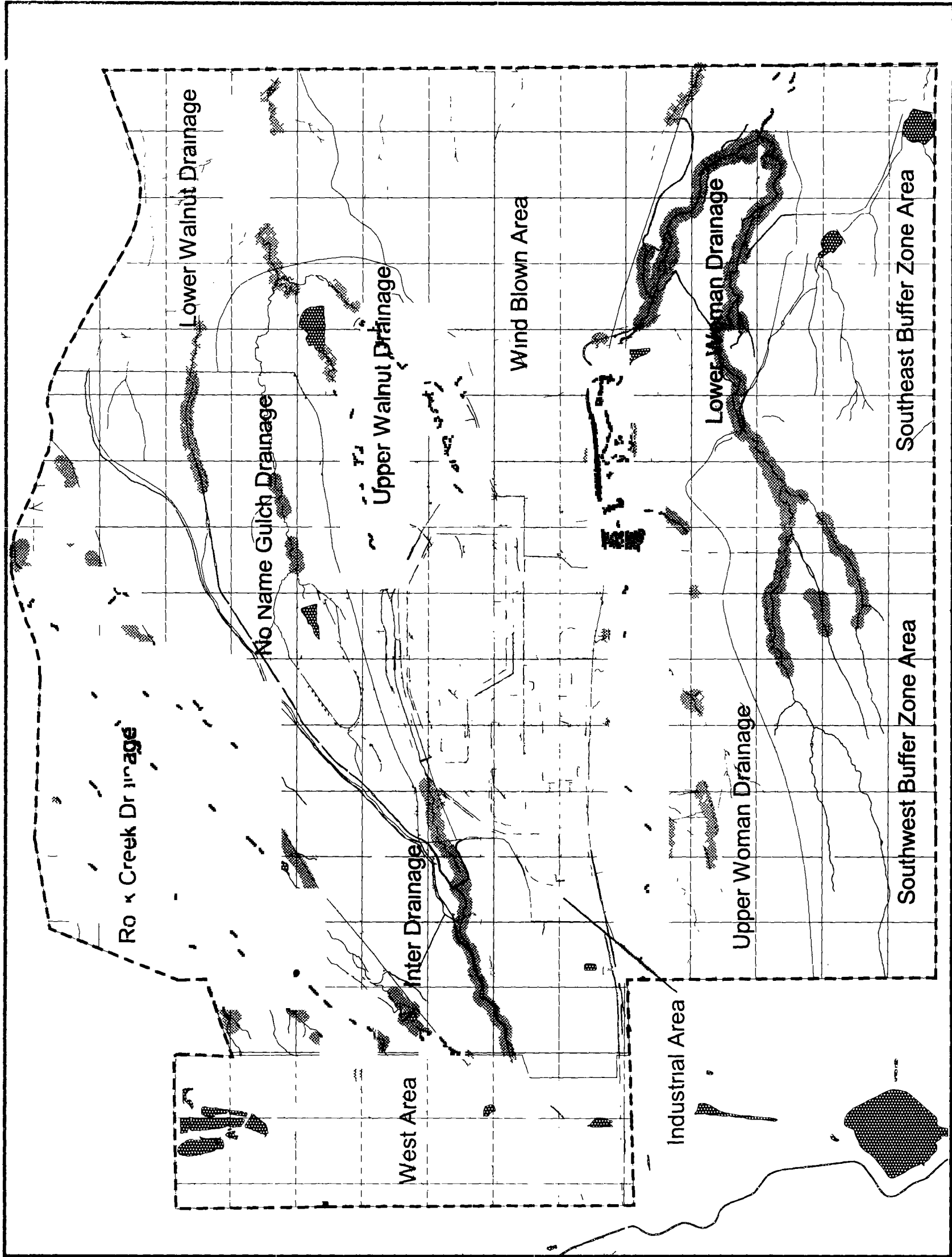
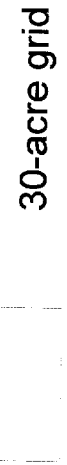




Figure 5  
Proposed Buffer Zone  
30-Acre Grid Surface  
Soil Sampling Locations

KEY



30-acre grid

Planned surface soil sample locations  
Metals and radionuclides  
Count = 97



Metals only  
Count = 9



Radionuclides only  
Count = 11

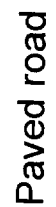
Exposure unit boundary



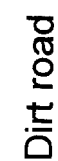
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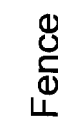
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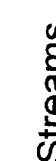
Paved road



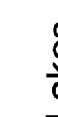
Dirt road



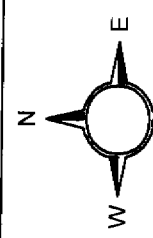
Fence



Streams



Lakes



1000 0 1000 Feet

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State Plane Coordinate Projection  
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RADICAL ACTION DESIGN MANAGEMENT SYSTEM

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File: W:\projects\RADMS\RADMS\_Fig\_5.apr Figure 5